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01645
PATENT

Case Docket No. GENENT.046DV1

Date: March 29, 2002

P#1
1645

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TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ingrid W. Caras

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

Appl. No. : 10/021,121

March 29, 2002

(Date)

Filed : December 6, 2001

Ginger R. Dreger
Ginger R. Dreger, Reg. No. 33,055

For : AL-2 NEUROTROPHIC
FACTOR

Examiner : Unknown

Group Art Unit : 1645

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 45 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Ginger R. Dreger
Ginger R. Dreger
Registration No. 33,055
Attorney of Record

GENENT.046DV1



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TECH CENTER 1600/2900 PATENT

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INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing 45 references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 29, 2002

By: Ginger R. Dreger
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SHEET 1 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.046DV1	APPLICATION NO. 10/021,121	MAY 01 2002
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Caras et al.		TECH CENTER 1600/2900
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 6, 2001	GROUP Unknown	RECEIVED 1647 APR 04 2002
APR 03 2002 OIPC U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CSN	1.	WO 95/27060	12.10.95	PCT				
↓	2.	WO 95/28484	10.26.95	PCT				
↓	3.	WO 97/15667	01.05.97	PCT				
CD	4.	WO 97/40153	30.10.97	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
CSN	5	Andres et al., "Expression of two novel eph-related receptor protein tyrosine kinases in mamry gland development and carcinogenensis" <u>Oncogene</u> 9:1461-1467 (1994)
↓	5.	Bartley et al."B61 is a ligand for the ECK receptor protein-tyrosine kinase" <u>Nature</u> 368:558-560 (1994)
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↓	9	Bennett et al., "Cloning and Characterization of HTK, a Novel Transmembrane Tyrosine Kinase of the EPH Subfamily" <u>Journal of Biological Chemistry</u> 269(19):14211-14218 (1994)
↓	10	Berkemeyer et al., Neurotrophin-5: A Novel Neurotrophic Factor That Activates trk and trkB" <u>Neuron</u> 7:857-866 (November 1991)
↓	8.	Bohme et al., "PCR mediated detection of a new human receptor-tyrosine-kinase HEK2" <u>Oncogene</u> 8:2857-2862 (1993)
↓	9.	Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions" <u>Science</u> 247:1306-1310 (1990)
CD	11	Buj-Bello et al., "GDNF Is an Age-Specific Survival Factor for Sensory and Automatic Neurons" <u>Neuron</u> 15:821-828 (1995)

EXAMINER	<i>John B</i>	DATE CONSIDERED	4/12/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

MAY 01 2002

SHEET 2 OF 3

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.046DV1	TECH CENTER 1600/2900	APPLICATION NO. 10/021,121
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APR 03 2002	RECEIVED	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Caras et al.	APR 04 2002	
		FILING DATE December 6, 2001	GROUP Unknown	TECH CENTER 1600/2900 1647

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CD	10. Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue" <u>The Journal of Cell Biology</u> 111:2129-2138 (1990)
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CD	28. Lazar et al., "Transforming Growth Factor α " Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities" <u>Molecular and Cellular Biology</u> 8(3):1247-1252 (1988)
CD	29. Leibrock et al., "Molecular cloning and expression of brain-derived neurotrophic factor" <u>Nature</u> 341:149-152 (1989)

EXAMINER	<i>J. Miles</i>	DATE CONSIDERED	4/12/04
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(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 6, 2001	GROUP Unknown 1647

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CGW	30. Lhotak et al., "Characterization of Elk, a Brain-Specific Receptor Tyrosine Kinase" <u>Mol Cell. Biol.</u> 11:2496-2502 (1991)
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CDW	44. Winslow et al.,"Cloning of AL-1, a Ligand for an Eph-Related Tyrosine Kinase Receptor Involved in Axon Bundle Formation" <u>Neuron</u> 14:973-981 (May 1995)
CDW	45. Zhou et al., "Isolation and Characterization of Bsk, a Growth Factor Receptor-Like Tyrosine Kinase Associated With the Limbic System" <u>J. Neurosci. Res.</u> 37:129-143 (1994)

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